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August 28, 2003

FILED ELECTRONICALLY

Ms. Marlene H. Dortch, Secretary Federal Communications Commission 445 12th Street, SW Washington, DC 20554

Re: Ex Parte Presentation in MB Docket No. 03-15

Dear Ms. Dortch:

Pursuant to Section 1.1206 of the Commission's rules, 47 C.F.R. § 1.1206, Starz Encore Group LLC ("Starz Encore") submits this notice of an *ex parte* presentation in the above-captioned proceeding.

Yesterday, August 27, 2003, John J. Sie (Chairman/CEO/Founder, Starz Encore), John Beyler (Vice President, Technology, Starz Encore), Thomas P. Southwick (Vice President, Corporate Communications, Starz Encore), Richard H. Waysdorf (Vice President, Business Affairs-Affiliate Relations, Starz Encore), and myself met with Chairman Michael K. Powell and Paul F. Gallant to discuss the digital television transition.

The subject of the meetings involved Starz Encore's concern with two aspects of the DTV transition: the phase-out of high definition sets with the traditional 4:3 aspect ratio based on the erroneous impression that only 16:9 sets can qualify as HDTV under the Commission's DTV standard; and the FCC decision to lock into its DTV standard a specific technology for compression, MPEG-2, without allowing for software upgradeable decoders that can handle current and future transmission standards. A copy of the presentation is attached hereto, and was provided to Chairman Powell and Mr. Gallant.

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Please contact the undersigned with any questions regarding this matter.

Respectfully submitted,

STARZ ENCORE GROUP LLC

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Enclosure

cc: The Honorable Michael K. Powell (w/o enclosure) Paul F. Gallant (w/o enclosure)

HDTV National Policy

Presentation to Chairman Michael K. Powell

John J. Sie August 27, 2003

HDTV National Policy Could Be Disastrous

- US Government "Loaned" US Broadcasters Spectrum, one-for-one for 10 years to complete the transition to digital TV
- Six years into the transition only 1% of homes can view HDTV programming, which the government had expected would drive consumer acceptance of digital TV.
- The "Loaned" Spectrum is Critically Needed for:
 - Homeland Security
 - Local Emergency Services
 - \$70 billion of budgeted Spectrum Auction for Commercial Wireless
- Current Push by the FCC to the Broadcasting, Cable & Satellite industries to accelerate the transition could have disastrous effects

A Flawed "Advanced Television Standard"

Two seemingly minor requirements are at the core of the Great Flaw

- 1. FCC's "Marketplace" Formats (18) exclude the current image shape (4 x 3) to qualify as "high definition" causing Consumer Confusion and Frustration
- 2. FCC's Digital Compression Standard (Spectrum Efficiency) is fixed without upgradability.

The standard is already obsolete

US Broadcast, Cable, & Satellite industry will become second class, non-competitive

1. The TV Image Shape (Aspect Ratio) Problem

- The Image Shape of TV sets was set by NTSC for more than 50 years. The Aspect Ratio is 4 x 3.
- The new Digital TV Standard set by ATSC, defined a new wider screen shape (16 x 9) at high resolution as "High Definition".
- However, the ATSC <u>excluded</u> the same high resolution but with the current shape (4 x 3) as not "High Definition".
- The public is very confused and frustrated using the new shape of 16 x 9 digital TV sets at home... Hence the low adoption rate.

2. Compression Standard Problem

- The ATSC defined a fixed standard for Video Compression called MPEG-2 for digital television
 - Didn't foresee the inevitable technology advances in compression
 - Already obsolete before adoption reaches 1%!
- Disastrous effects
 - America will be stuck with a 2nd class broadcasting system ripple effect to other platforms, satellite, cable (Plug & Play)
 - Broadcasters seek more spectrum for another digital transition
 - Major uproar when the public realizes that the current DTV sets not upgradable to any future advanced DTV systems

PUBLIC AND NATIONAL INTERESTS WILL BE TOTALLY ABROGATED

Solution: Simple, Clear and Effective

- For the quickest transition to DTV, and to maximize public and national interests,
 FCC should:
 - Step in

Give 4x3 HDTV status

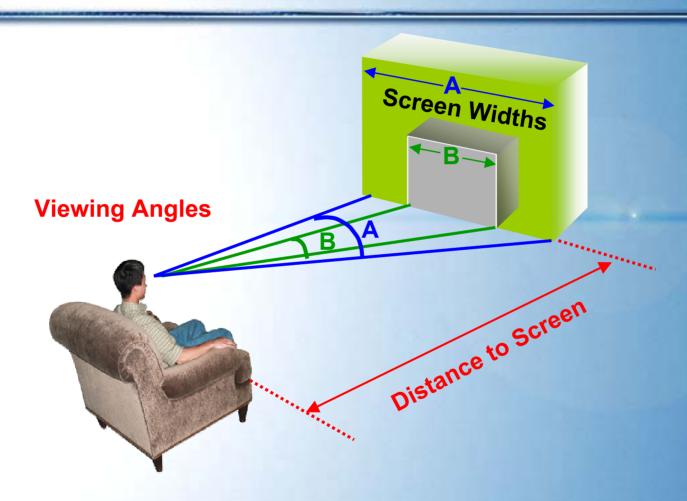
- Step out

Don't limit ATV decoding to MPEG-2
Use upgradable system

Aspect Ratio

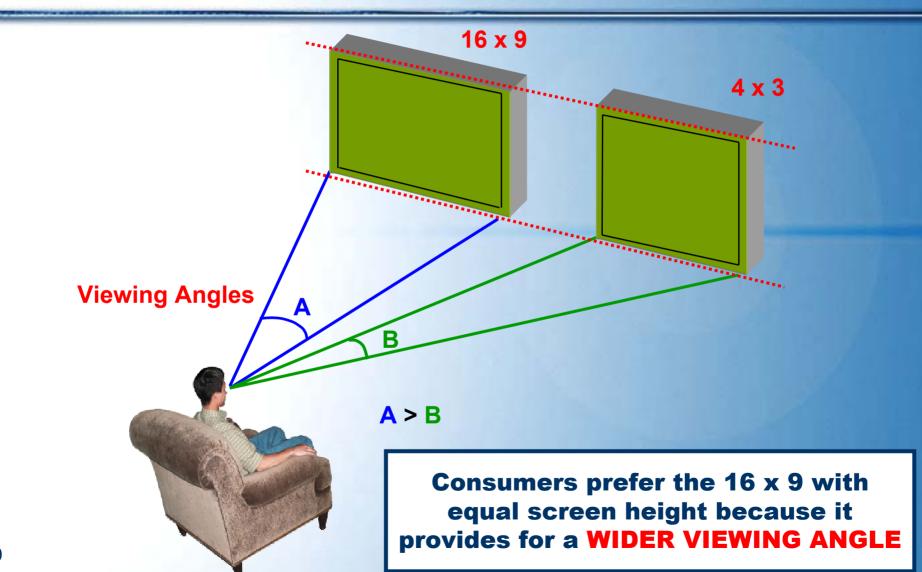
A seemingly logical but incorrect premise leads to diametrically opposite conclusions on aspect ratio with many unintended consequences

Wide Viewing Angle is Determined by Screen Width, Not Screen Height

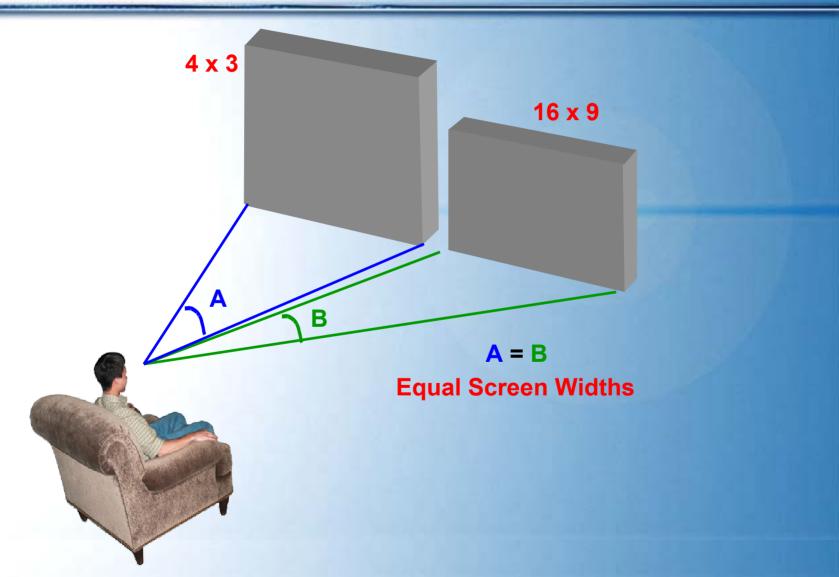


For large TV set in home, screen width, not height, is important

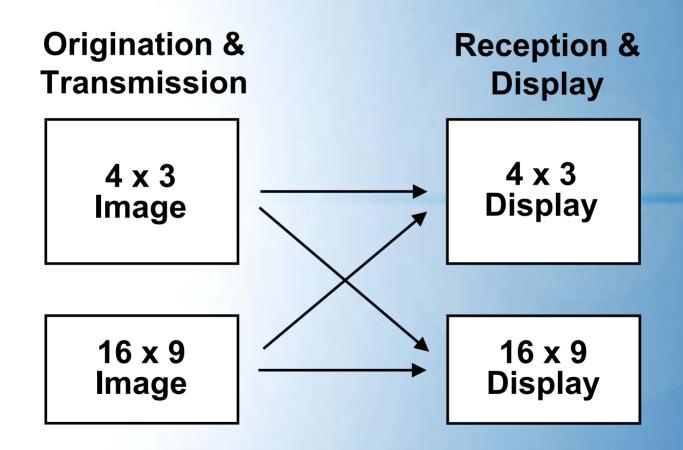
But Almost all ATV Demonstrations Use The WRONG Premise of "Same Height" to Determine Format Preferences



With Equal Viewing Angles (Same Screen Width), Consumers Prefer Taller Screen of 4 x 3

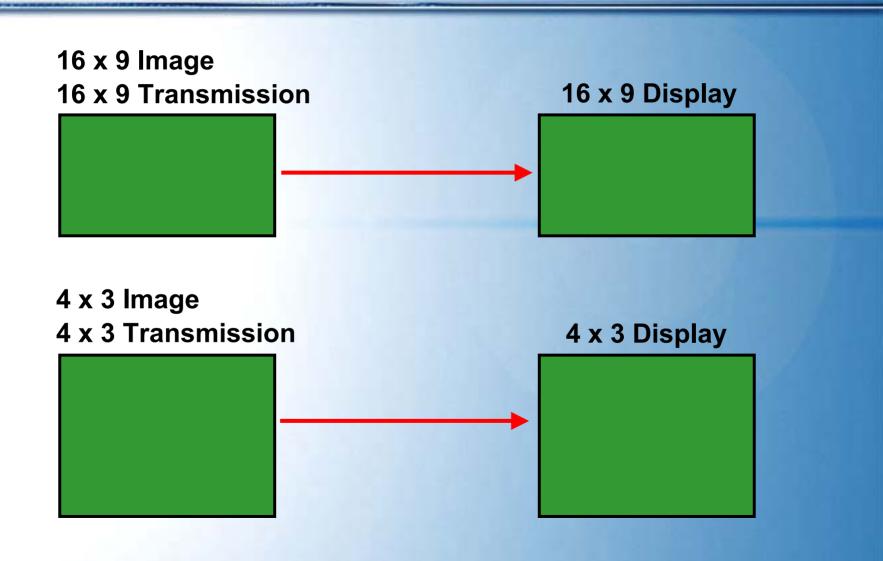


Public Dislocation From Aspect Ratio Transition Problems



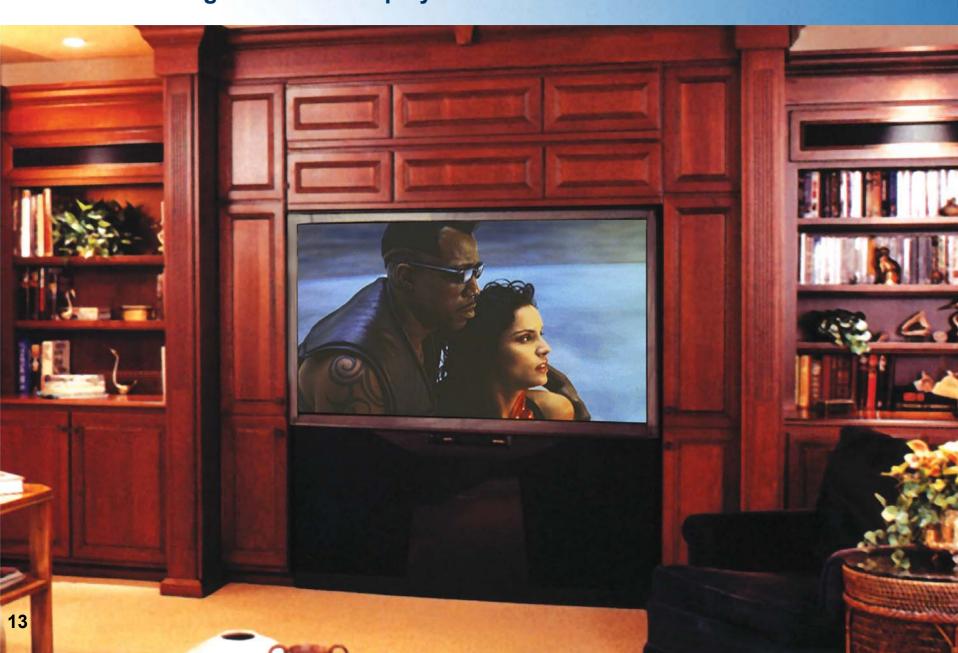
Case A

Ideal World (Requires Double the Spectrum)



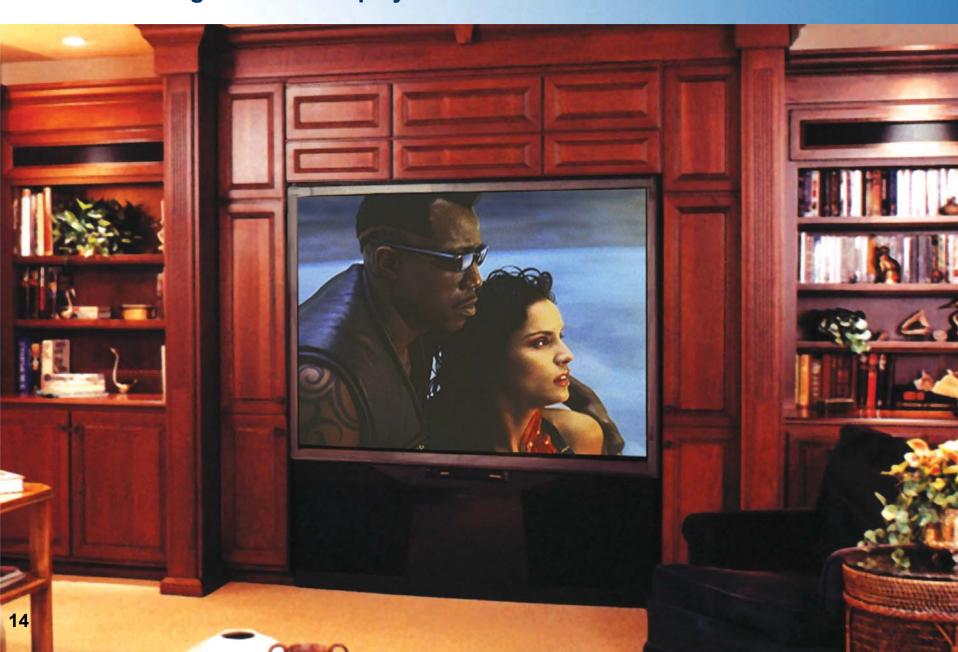


Constant Screen Width (Equal Viewing Angle) 16 x 9 Image on 16 x 9 Display

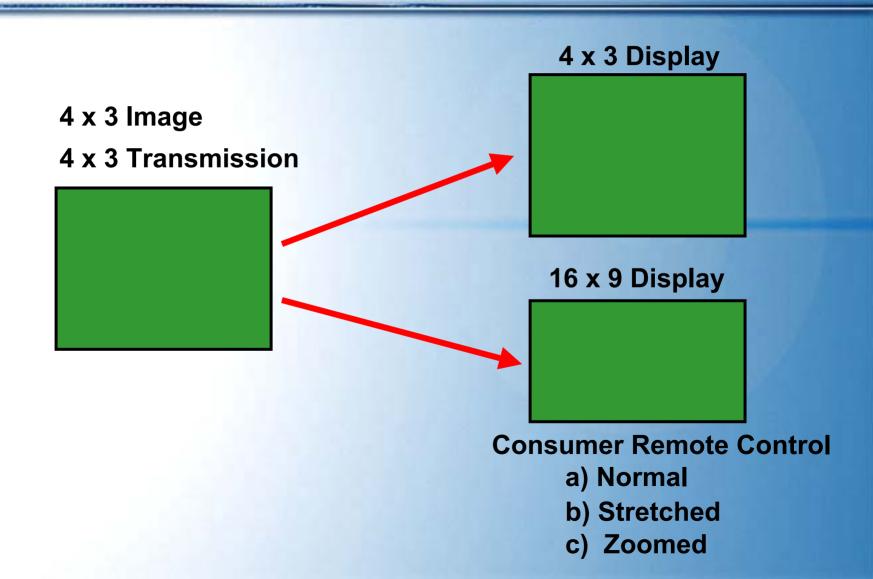




Constant Screen Width (Equal Viewing Angle) 4 x 3 Image on 4 x 3 Display



Case B ~ 90% of Multi-Channel Viewing



B Constant Screen Width (Equal Viewing Angle) 4 x 3 Image on 4 x 3 Display



B Constant Screen Width (Equal Viewing Angle) 4 x 3 Image on 16 x 9 Display - NORMAL



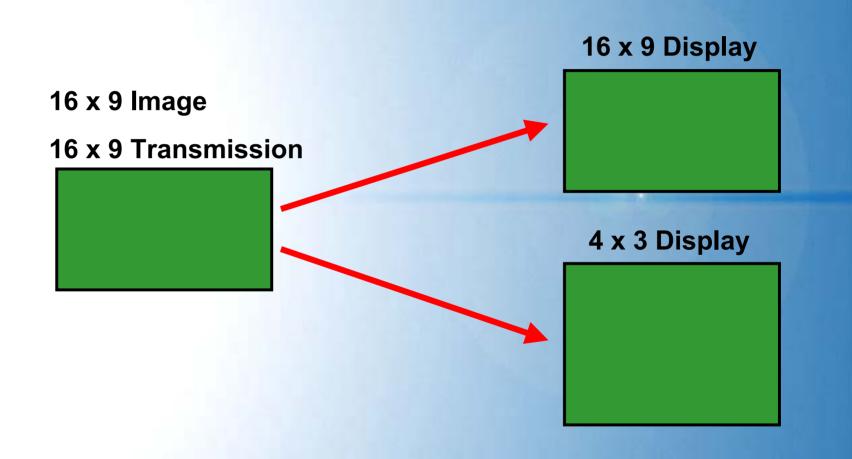
Constant Screen Width (Equal Viewing Angle) 4 x 3 Image STRETCHED to Fill 16 x 9 Display



B Constant Screen Width (Equal Viewing Angle)
4 x 3 Image ZOOMED to Fill 16 x 9 Display (lost Content and Resolution)



Case C HDTV Transmission: STARZ! HD, HBO HD, ...



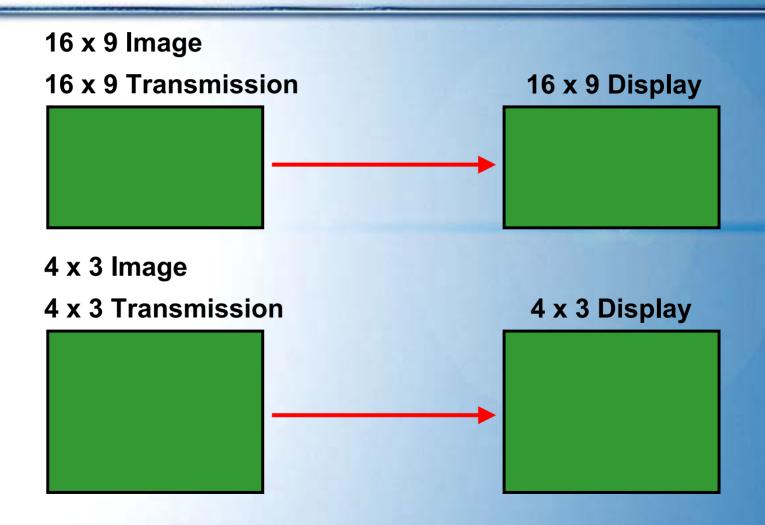




Constant Screen Width (Equal Viewing Angle)
16 x 9 Image on 4 x 3 Display (Same Image Size)

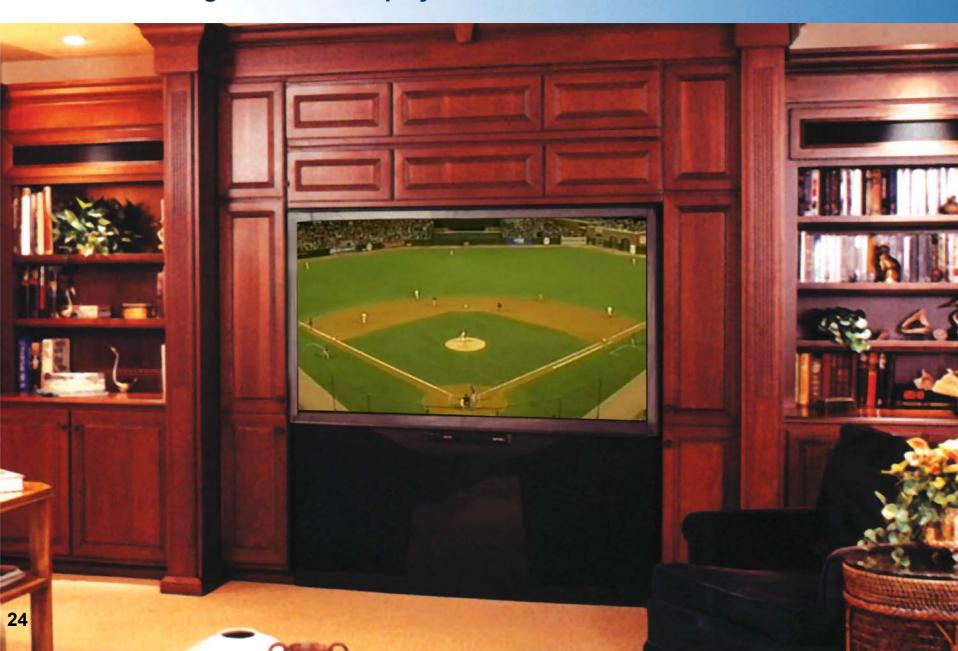


Case D Sports: ESPN HD, HD Net,



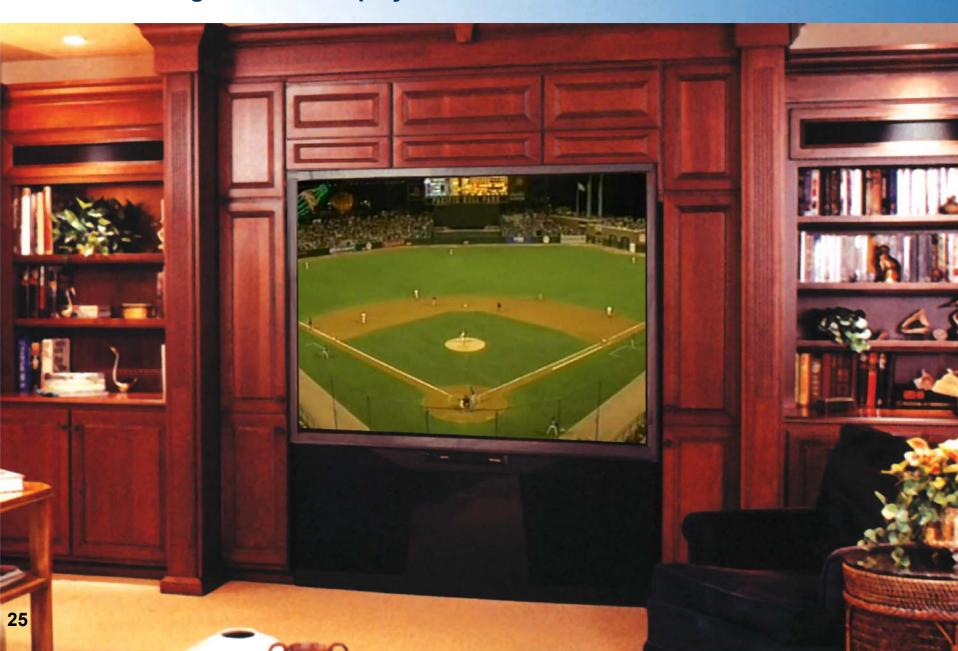


Constant Screen Width (Equal Viewing Angle) 16 x 9 Image on 16 x 9 Display





Constant Screen Width (Equal Viewing Angle) 4 x 3 Image on 4 x 3 Display



Case E

Film buffs and Hollywood demand 16 x 9 "widescreen" over 4 x 3 because:

YOU LOSE CONTENT FROM THE THEATRICAL VIEWING EXPERIENCE DURING PAN & SCAN TO 4 x 3



Theatrical Framing



Austin Powers in Goldmember as shown in movie theaters

4 x 3 TV Framing: 78% Bigger Image TV HAS MORE CONTENT THAN SHOWN IN THEATERS



Hollywood values the television market (home-vid, pay-tv, etc.), changes paradigm on 4 x 3

In Theaters



Blackhawk Down

TV at Home



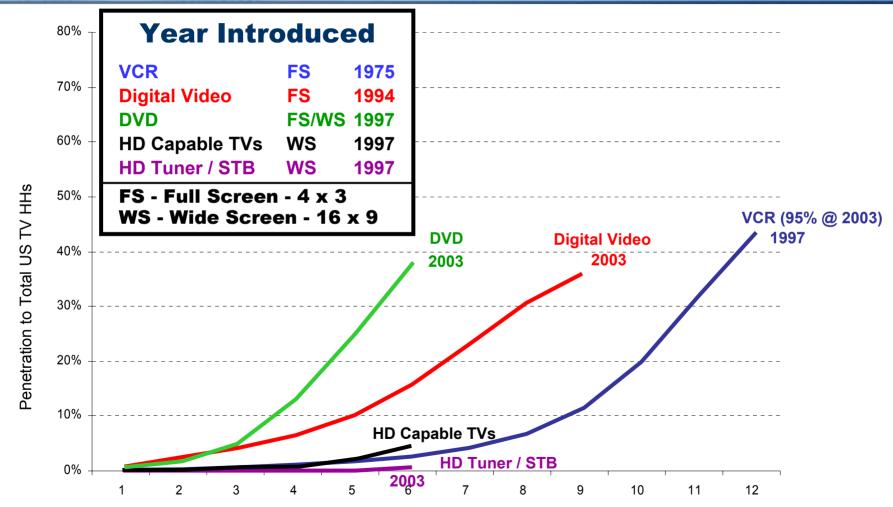
4 x 3 Display Blackhawk Down

Sample of Films With More Content for 4 x 3 Video Than Theatrical

Title	Release Year
Austin Powers in Goldmember	2002
The Bourne Identity	2002
Harry Potter and the Chamber of Secrets	2002
Black Hawk Down	2001
The Fast and the Furious	2001
Gosford Park	2001
Harry Potter and the Sourcer's Stone	2001
Lord of the Rings: The Fellowship of the Ring	2001
Crouching Tiger, Hidden Dragon	2000
Gladiator	2000
Austin Powers: The Spy who Shagged Me	1999
Matrix	1999
Seven	1995

85 - 90% of Hollywood's Top Movies

Adoption From Year of Introduction DVD Works for Both 4x3 and 16x9



DVD's rapid adoption rate... works for full and wide screens... cost of DVD players \$1,000 to \$60 in 6 years

TV Set Comparisons

Mitsubishi 2003 Models





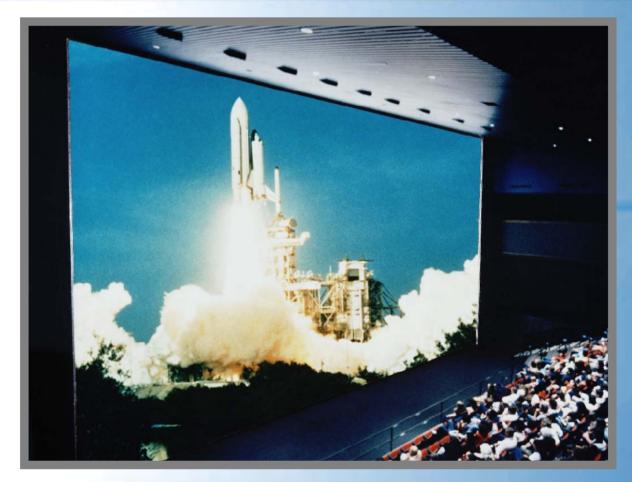
Model	VS-60111	WS-55311
Aspect Ratio	4 x 3	16 x 9
Width	50 1/2"	50 1/2"
Diagonal	60"	55"
Scan Formats	480p & 1080i	480p & 1080i
MSRP	\$2,499	\$2,599

4 x 3 1080i sets being phased out because they are not defined as HDTV

The Ultimate in Wide Screen & Resolution: IMAX



The Ultimate in Wide Screen & Resolution: IMAX



ASPECT RATIO: 4 x 3

4 x 3 "HDTV" Will Accelerate the Digital Transition

4 x 3 HDTV Sets Yield Better Viewing Experiences for Same Screen Width

IMAGE

4 x 3 SET ───── 16 x 9 SET ─

STD Broadcast, Cable, Satellite or 4 x 3 HDTV Program 90% of Viewing





16 x 9 HDTV Program 10% of Viewing





FCC's ATV Standard Locked to MPEG-2 Compression

- Technology advances relentlessly in processing, memory, compression algorithms
- MPEG-2 already technically obsolete (> decade old) @ < 1% adoption rate
- All current DTV sets are HARDWIRED with MPEG-2 chips... not compatible with any future advanced DTV systems
- US DTV broadcast system will be 2nd class, causing a ripple effect on US cable and satellite... P&P
- Public cannot afford to buy future incompatible DTV set after buying the current ATV standard DTV set

Software Upgradable Decoder Is The Only Solution

- FCC should change its ATV standard to:
 - Permit technological advances with backward compatibility use software upgradable, hardware scalable decoders in DTV sets and set-tops
- Same as standard practice in broadband computer industry...
 - e.g., AOL 6.0 \rightarrow AOL 7.0 \rightarrow AOL 8.0 \rightarrow ...
- FCC decision for "Backward Compatibility" served the public well during the B&W to Color Transition.
 It should do the same in Digital TV

Huge Benefits of Upgradable Compression Decoders

- Maintain US superiority in competitive DTV technology
- Public buys expensive DTV sets with confidence of longevity...quicker reclamation of spectrum
- Continuing spectrum efficiency
 - e.g., Use of H.264 instead of MPEG-2 can save HDTV broadcast spectrum by 2.5 times (2.4 MHz vs. 6 MHz)
- More compression improvements to come

Transition From Fixed to Upgradable Compression is Manageable -- Now

- Only 5% of the public have purchased DTV sets.
- Fortunately, ~100% of these are really "HDTV capable"
 TV monitors ... will accept future generations of decoders
- Less than 0.5% of public have HDTV tuners with fixed MPEG-2 decoders (a few hundred dollars to replace)

Upgradable Media Processor Chips Exist Today

Company

TEXAS Instruments

Royal Philips Electronics

Hitachi Ltd.

Atsana Semiconductor Corp.

Equator

Chip

TMS320DM642

Nexperia pnx1500

Broadgear Series

J2210

MAP-CA

Functionality

Backward compatible to MPEG-2, MPEG-4, H.264

Summary

- For the quickest transition to DTV, and to maximize public and national interests,
 FCC should:
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Give 4x3 HDTV status

- Step out

Don't limit ATV decoding to MPEG-2
Use upgradable system